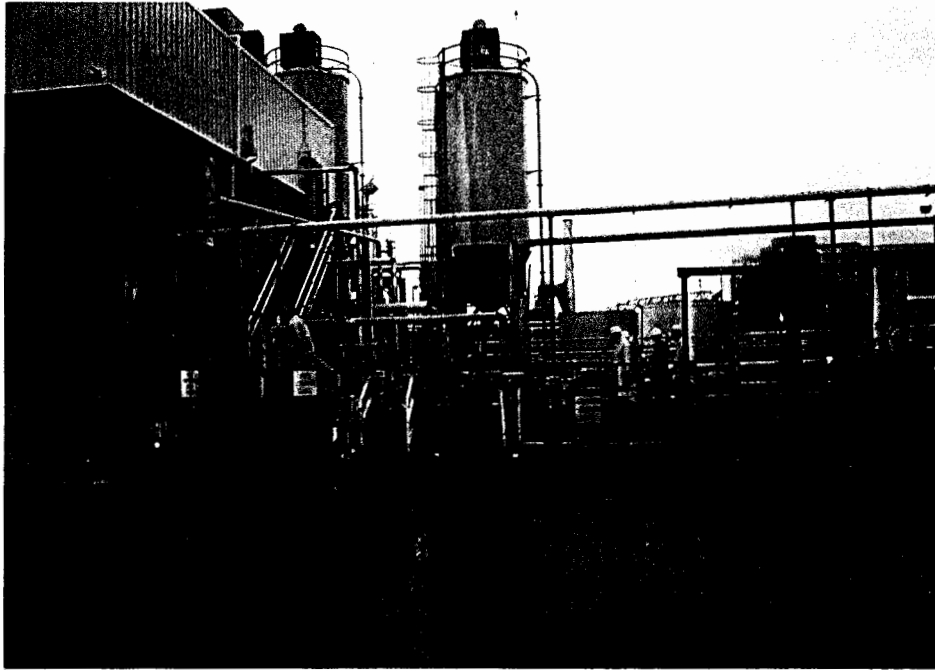
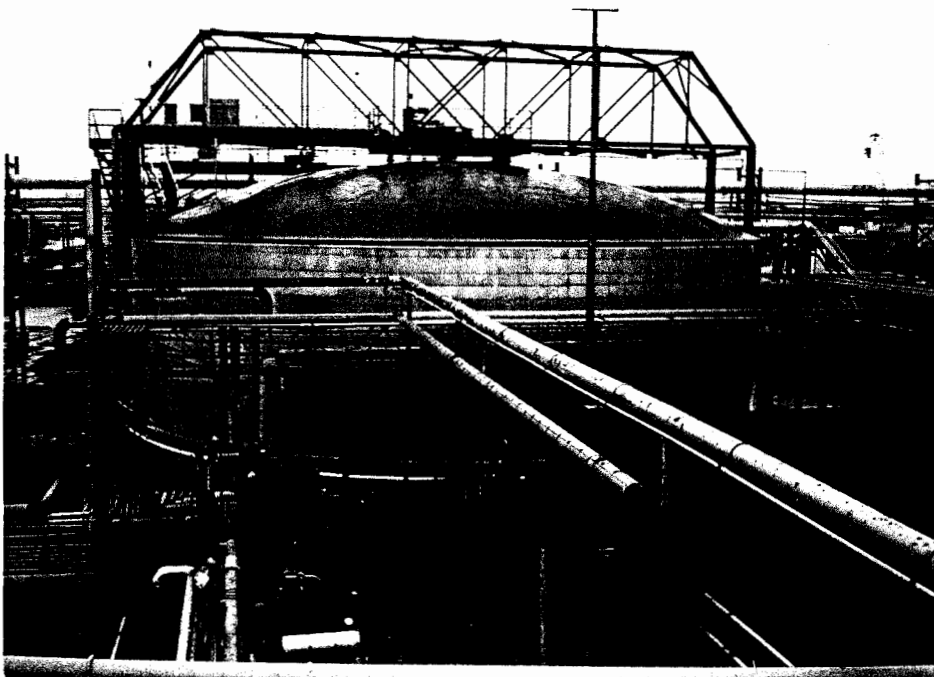


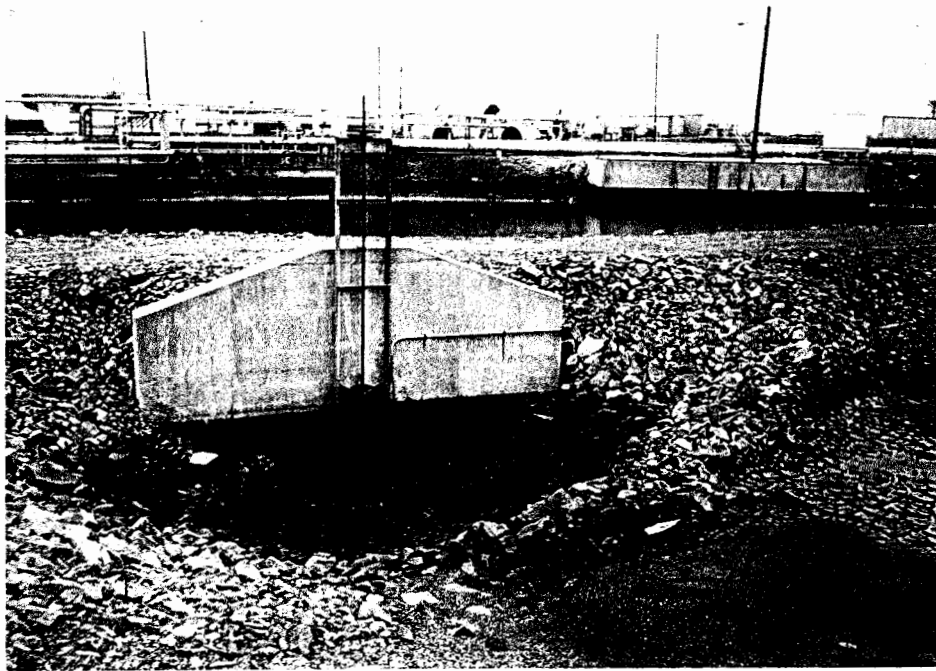
- 1.1 Tank No. 1 Receiving Tank; Tank No. 2 Receiving Tank;
 2.1 Tank No. 3 Receiving Tank; Tank No. 6 Collection and
 3.1 Transfer Tank. View looking down into the transfer pump
 6.1 area for Receiving Tanks 1, 2, and 3 at the Solid Waste
 Facility (SWF). The concrete wall for the Receiving Tanks
 is visible to the right of the valve area. SWMU 6 is
 located at the top of the photograph.



- 1.2 Tank No. 1 Receiving Tank; Tank No. 2 Receiving Tank; and
- 2.2 Tank No. 3 Receiving Tank. View facing north toward the
- 3.2 Solid Waste Facility. The loading area in the foreground is
- the Sludge Receiving Trough (SWMU 19). The south wall of
- SWMUs 1, 2, and 3 is visible beneath the walkway in the
- photograph.



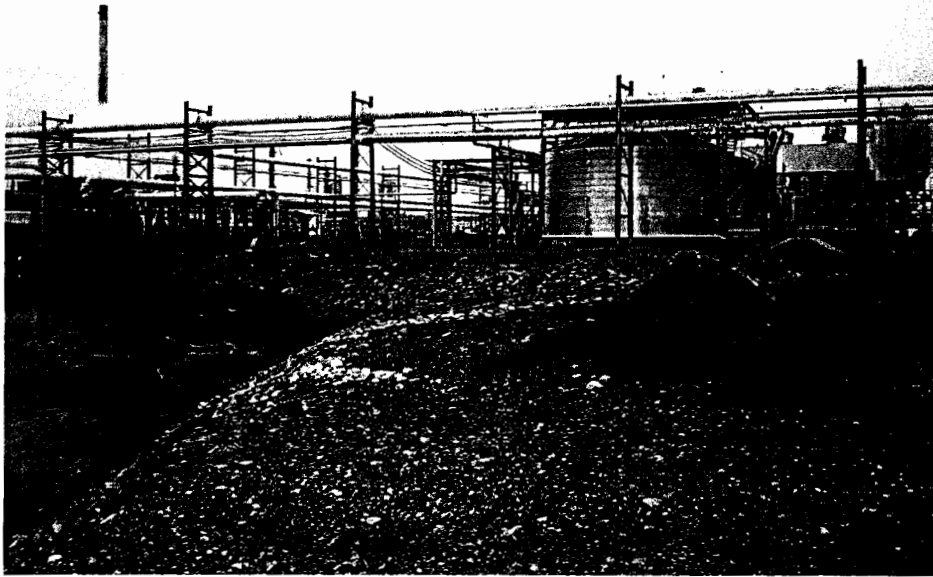
- 4.1 Tank No. 4 Sludge Storage Tank. View facing east. Note the
- transfer pipes from the receiving tanks.



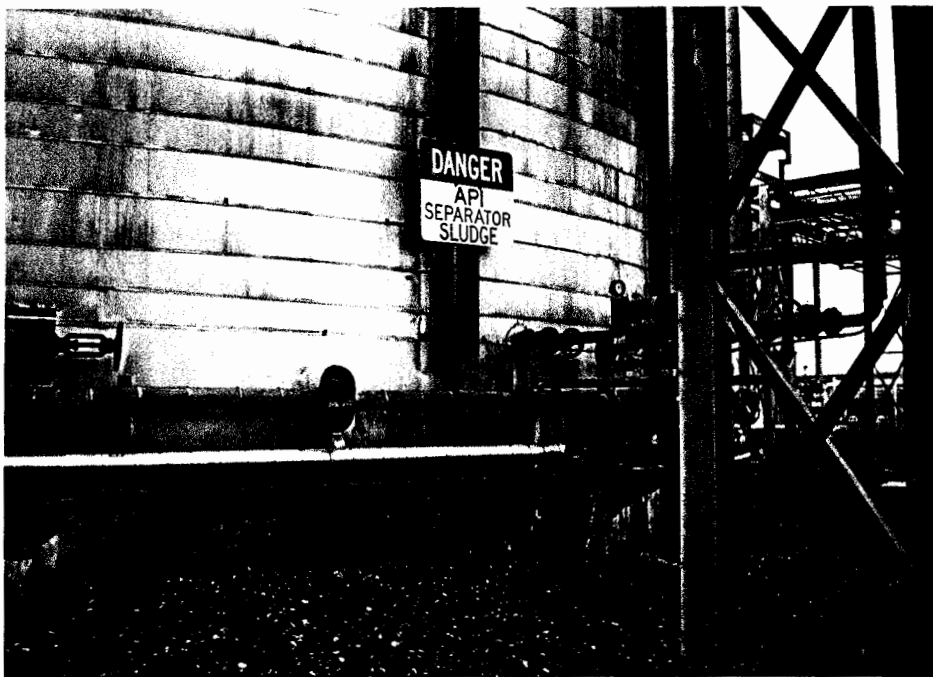
- 4.2 Tank No. 4 Sludge Storage Tank. View facing south of the storm water release valve for the containment area surrounding SWMUs 4 and 5 (and the creek beyond). The valve was open at the time of the VSI. Note staining on the surrounding gravel and soil.



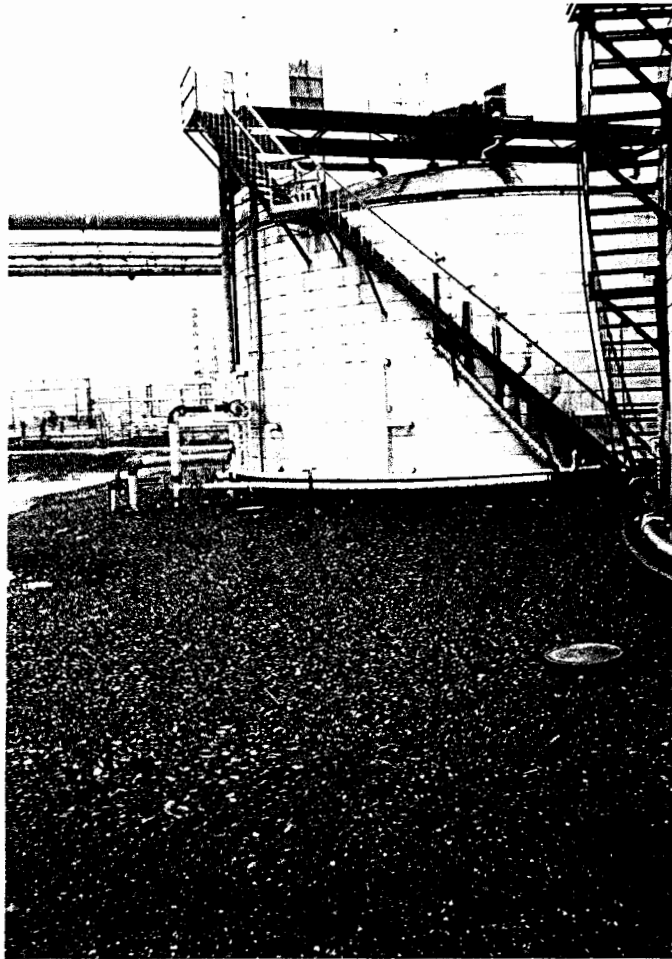
- 4.3 Tank No. 4 Sludge Storage Tank. View facing west showing the discharge pipe from the containment area for SWMUs 4 and 5. The pipe is visible in the very dark stain along the banks of the creek to the right in the photograph. Note the sludge accumulation in the creek.



- 4.4 Tank No. 4 Sludge Storage Tank. Overview facing west showing SWMUs 4 (behind) and 5 (front) and the area in the Middle Creek Surface Drainage System (SWMU 96) where discharges from the tank containment area are routed. Note sludge accumulation in the creek.

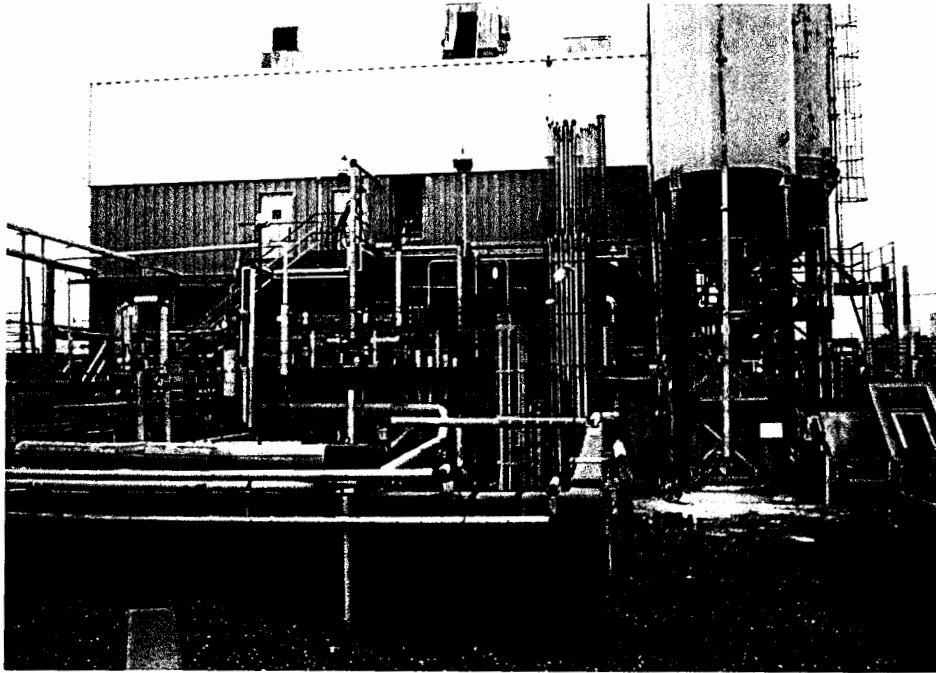


- 4.5 Tank No. 4 Sludge Storage Tank. View facing north. Note staining on tank foundation.



5.1

Tank No. 5 Sludge Decant Tank. View facing east. The farthest wall of the containment berm for SWMUs 4 and 5 is visible in the background of the photograph. Also, see photographs 4.2 through 4.4.



7.1 Tank No. 51 Mix Tank; Tank No. 52 Contact Tank; Tank
8.1 No. 56 Filtrate Tank; Tank No. 50 Lime Slurry Tank; and
12.1 Tank No. 55 Hot Water Wash Tank. View facing west. SWMUs
13.1 7, 8, 12, 13, and 15 are visible in the photograph beneath
15.1 the yellow walkway adjacent to the Solid Waste Facility
filter building.

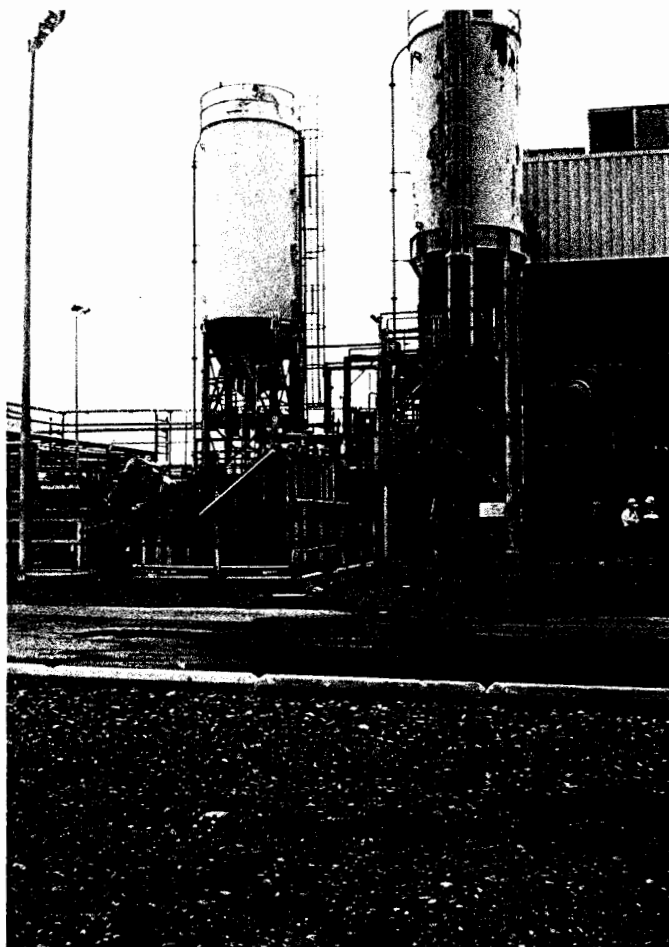
9.0 Tank No. 53a Surge Tank. No Photograph.

10.0 Tank No. 53b Surge Tank. No Photograph.

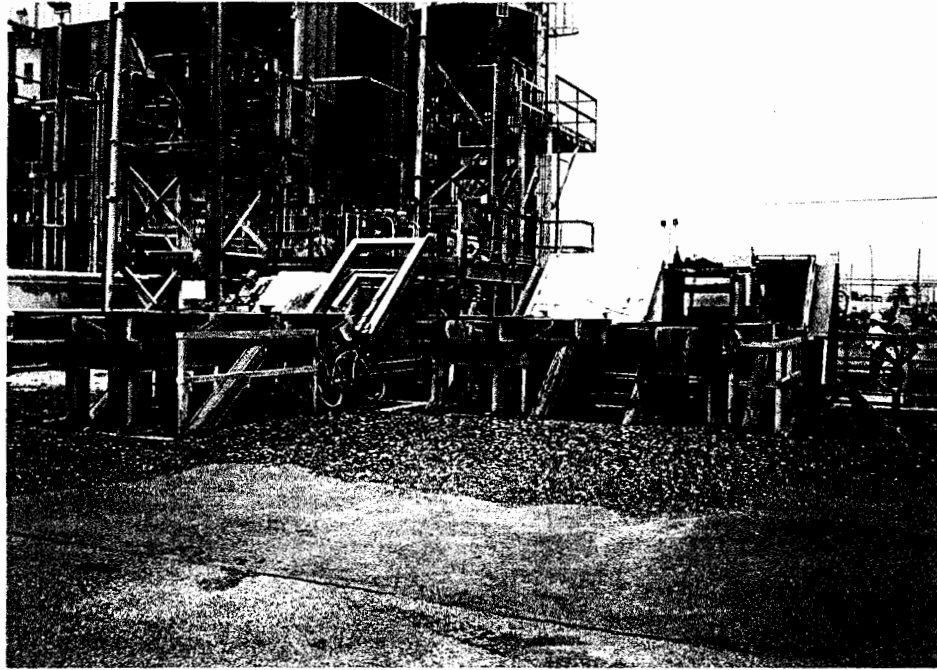
11.0 Tank No. 53c Surge Tank. No Photograph.

14.0 Tank No. 54 Precoat Tank. No Photograph.

16.0 Tank No. 57 Equalizing Tank. No Photograph.



17.1 Catalyst Fines Silo. View facing south. The tank on the right is SWMU 17 and the tank to the left is the Lime Silo.



18.1 Lime, Spent Clay, and Catalyst Loading System. View facing west. The unit, which is no longer in use, is the large blue metal structure in the concrete sump area.



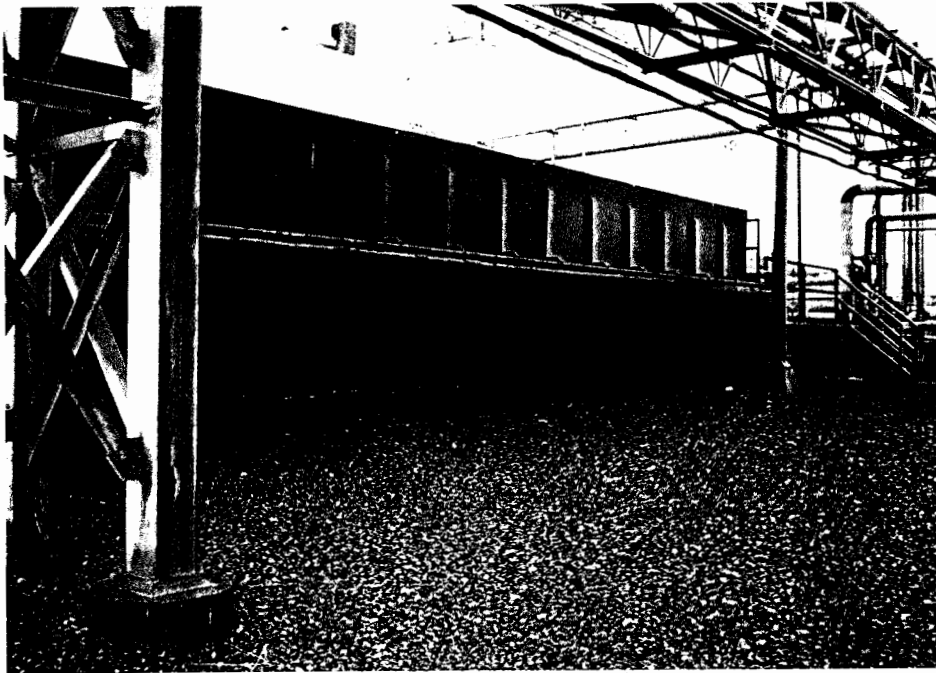
19.1 Sludge Receiving Trough. View facing north. Note the deteriorated condition of the unit and heavy, oily staining. To the left of the pad (beyond broken concrete) the bar screen and comminutor for the unit is visible.



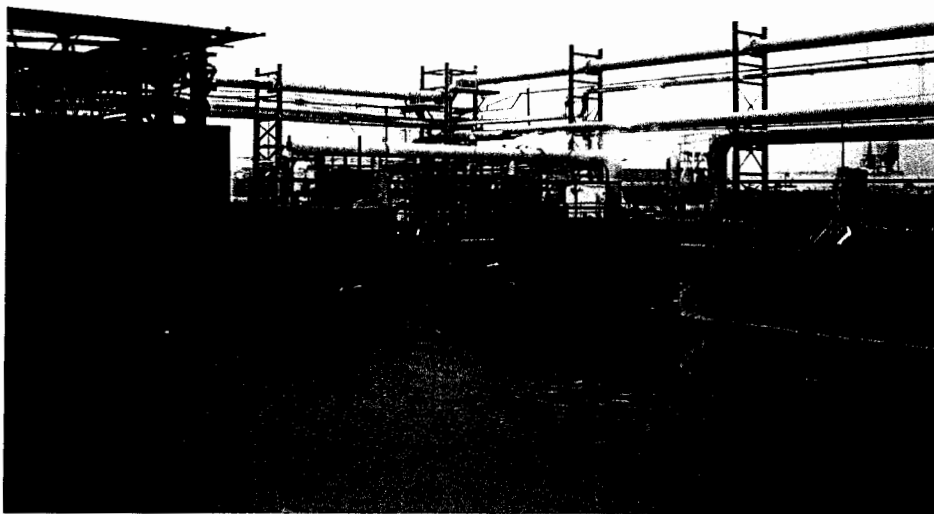
19.2 Sludge Receiving Trough. Closer view facing north of the trough (SWMU 19). The bar screen is the visible depression to the left. The box above it is the comminutor. Note the heavy oily staining on the pad.



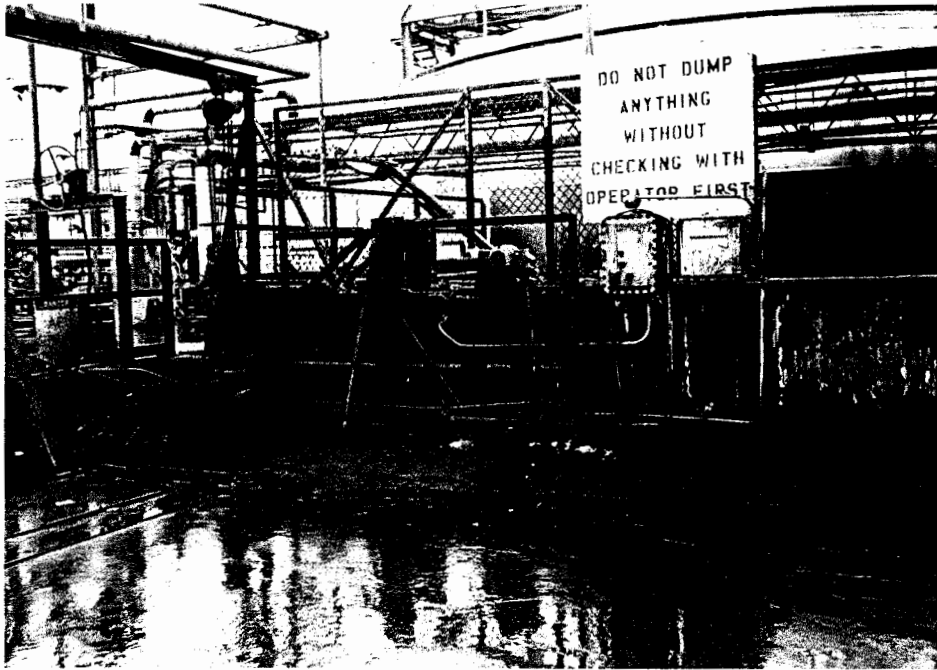
19.3 Sludge Receiving Trough. Close-up view facing south of the comminutor for SWMU 19. The comminutor filters out large debris from the sludge.



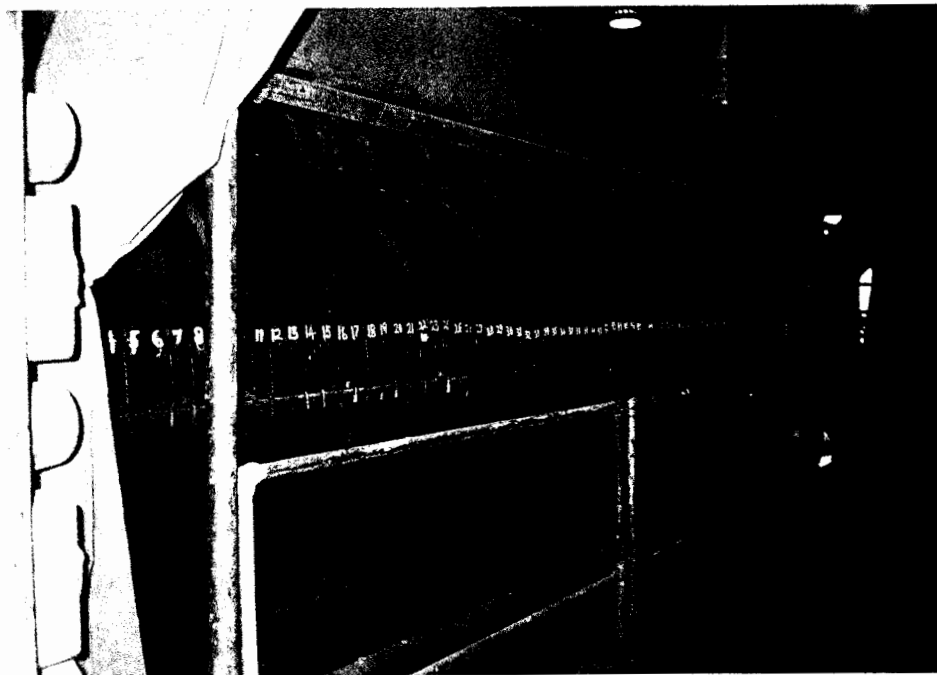
19.4 Sludge Receiving Trough. Exterior view facing northwest of the east wall of SWMU 19. Note the stains on the wall indicating a release to the ground below.



19.5 Sludge Receiving Trough. Exterior view facing southeast. The pad in the foreground is primarily a truck unloading area. The trucks unload the sludge into the trough which is the concrete walled area to the left of the small dumpster.



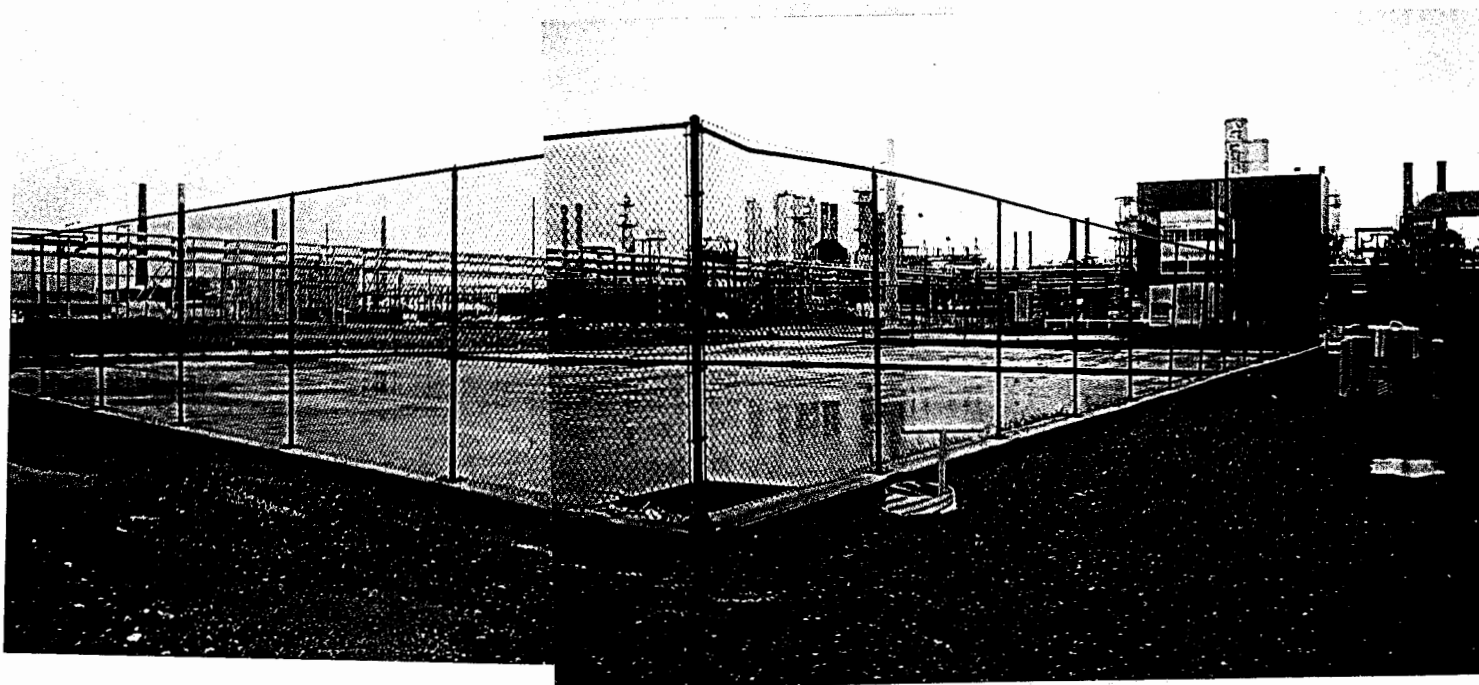
19.6 Sludge Receiving Trough. Exterior view facing east showing the outside of the western wall of the trough and the pad to the west of the trough shown in Photograph 19.5. The receiving trough is behind the fenced wall. The comminutor is to the left of the electric boxes. The pad in the foreground is part of the truck unloading area.



20.1 Sludge Filter Press. View facing east. Conditioned sludge enters this Passavant press through small openings in the center of the cloth covered plates (64 inch diameter).



21.1 Filter Cake Knock-Out Area. View facing east toward SWMU 21 which is located directly beneath SWMU 20. Note staining and condition of the unit.



22.1 Hazardous Waste Container Storage Pad. View facing northwest. Dry sump in the foreground collects runoff and spills from the pad. The release valve for the sump is painted yellow. Water is routed to the DELCORA POTW.



- 23.1 Old Sludge Basin and Old Decant Basin. An overview facing
 24.1 northwest toward the facility shows the 15 Oil/Water
 Separators (SWMU 87-94) (yellow railing in the distance) and
 SWMU 22 (fenced in concrete pad in the distance). The Old
 Sludge Basin (SWMU 23) and the Old Decant Basin (SWMU 24)
 are beneath the Hazardous Waste Container Storage Pad (SWMU
 22).



- 23.2 Old Sludge Basin and Old Decant Basin. View facing east
 24.2 of SWMUs 23 and 24. A railroad tie storage area sits on this
 portion of the basin.



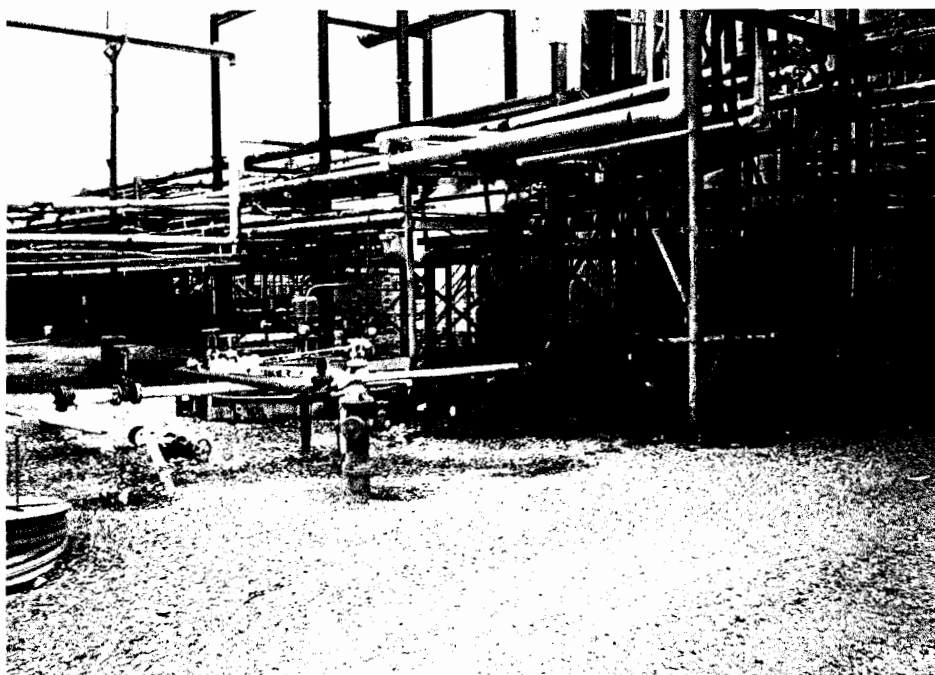
23.3 Old Sludge Basin and Old Decant Basin. View facing east
24.3 of the basin boundary. The Hazardous Waste Container Pad
(SWMU 22) is visible to the far left in the photograph.



25.1 Old 12 Plant Sludge Basin. Panoramic view facing west to northwest of the basin area.



26.1 Old 18 Plant Sludge Basin. View facing west of the basin area which extends underneath the cooling tower in photograph.



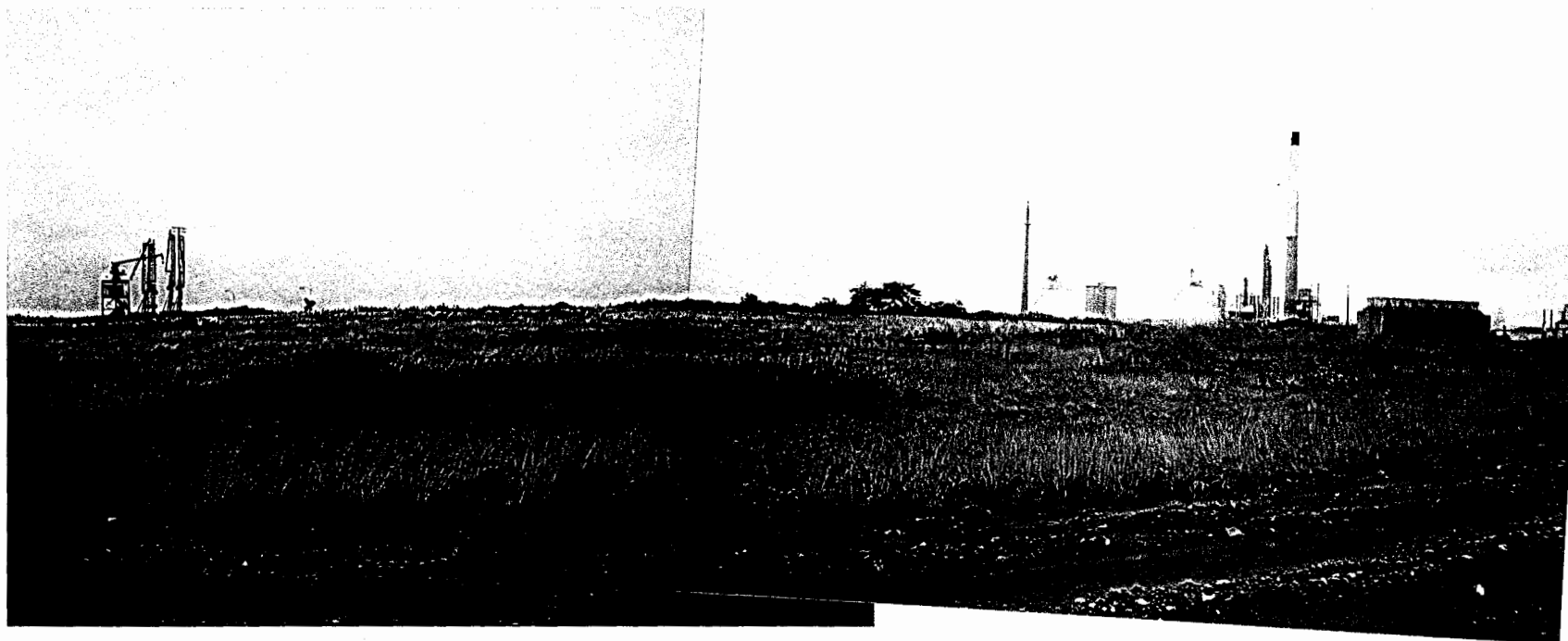
26.2 Old 18 Plant Sludge Basin. View facing south toward old tank at 18 plant in the vicinity of the Old 18 Plant Sludge Basin (SWMU 26).



27.1 Phillips Island Area. View facing southeast toward piles of gravel material removed from above-ground containment areas throughout the facility.



27.2 Phillips Island Area. Close-up view of the water catch basin at the north side of the island. The Combined Process/Storm Sewer System (SWMU 95) receives drainage from the basin.



27.3 Phillips Island Area. Panoramic view facing south. Fill and vegetation comprise the majority of the island.



27.4 Phillips Island Area. View facing west toward a fill area located next to SWMU 32. SWMU 32 is the concrete tank visible to the left in the photograph.



28.1 Phillips Island Maintenance Storage Area. View facing west toward an area on the island used for storing various metal valves, pipes, tubes, flanges, and connectors collected throughout the facility. Note discolored soil.



29.1 Phillips Island Roll-Off Storage Area. Close-up view of spilled spent catalyst fines visible on the ground in the roll-off area. The standing water in the photo is rainwater.



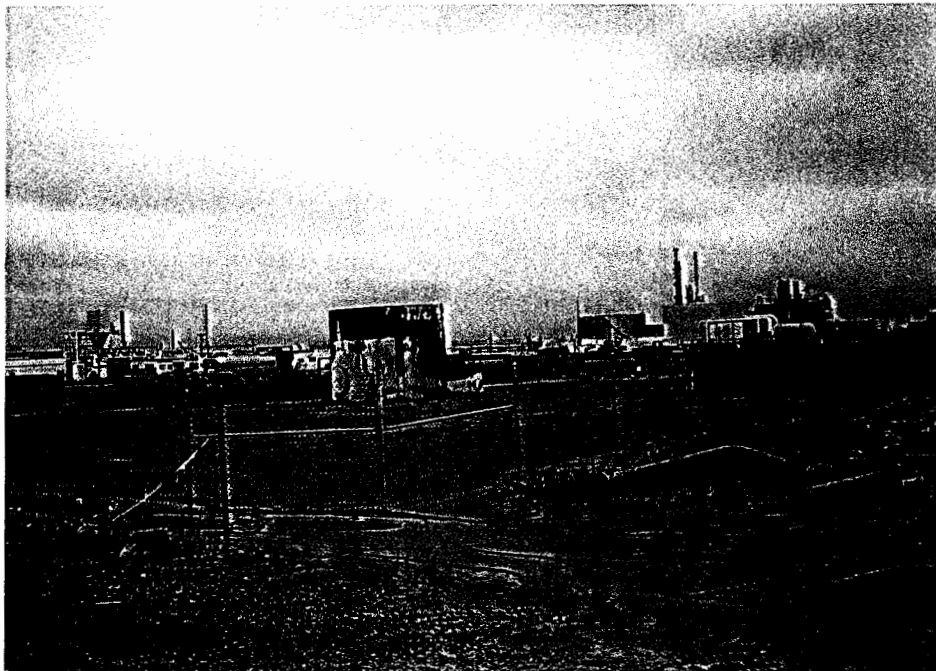
29.2 Phillips Island Roll-Off Storage Area. View facing west. Note the stained condition of the ground in the area.



29.3 Phillips Island Roll-Off Storage Area. View facing west.
Note the spilled catalyst fines on the ground surface in
front of the roll-off bin. The fence to the left surrounds
SWMU 31.



30.1 Phillips Island Old Drum Storage/Small Roll-Off Area. View facing southeast. SWMU 32 is the large concrete tank visible behind the roll-off bins. Note the stains in the areas in front of the bins.

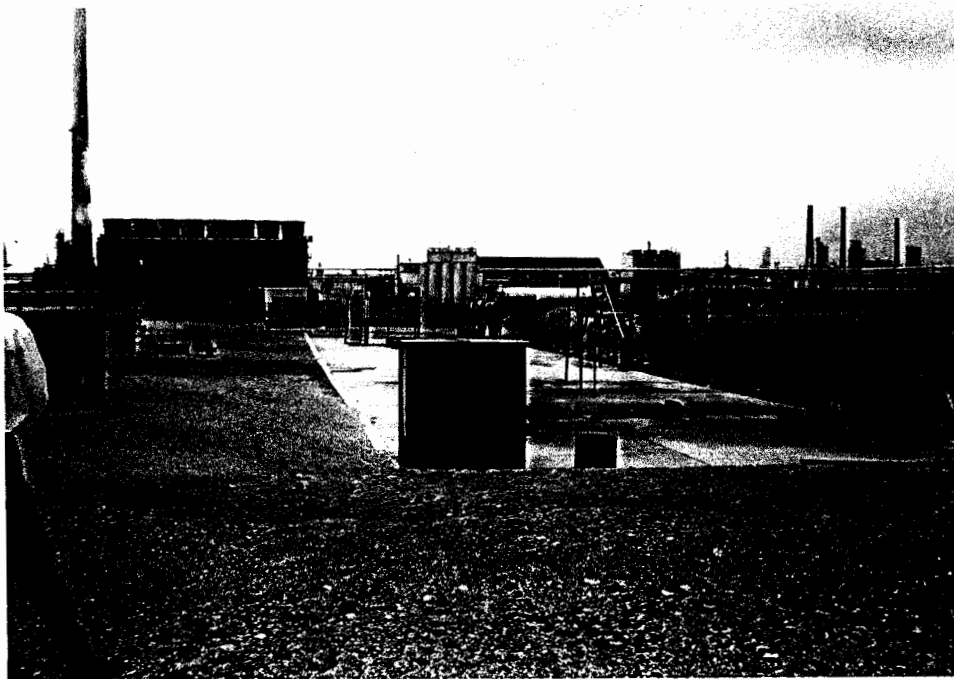


31.1 Fire Fighter Training Area. View facing northwest. The unit is within the fenced area and extends beyond the large bermed area (ground flare area) in the background.



31.3

Fire Fighter Training Area. View facing south of the man-made, unlined drainage ditch originating north of the main exercise pad. The ditch routes discharge from the tanks used in training exercises in the area to the Combined Process/Storm Sewer System (SWMU 95).



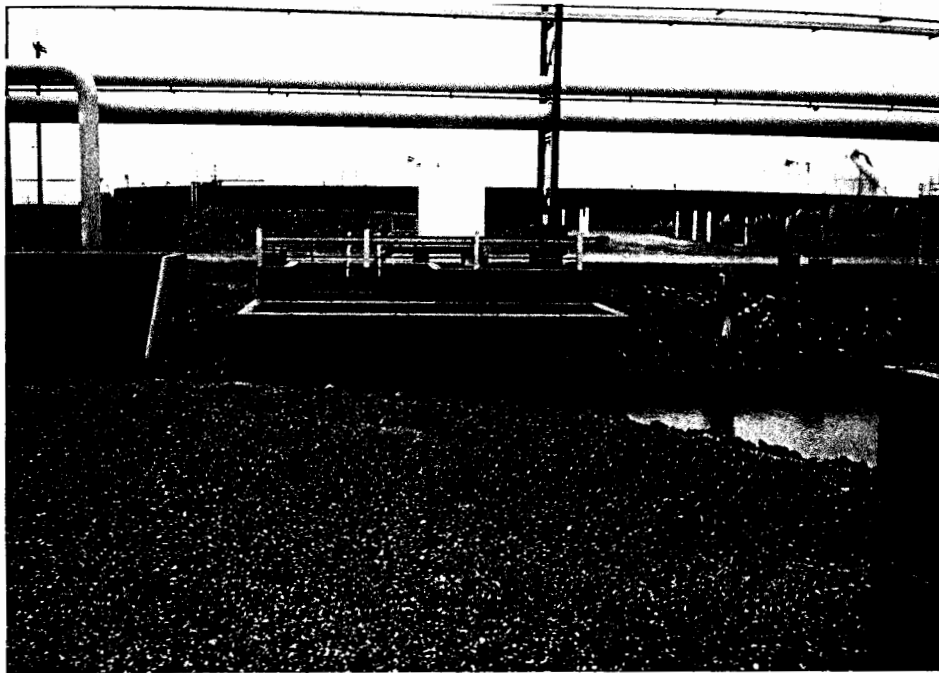
31.2 Fire Fighter Training Area. View facing south toward the main fire fighting exercise pad. The bermed area to the right of the pad is the ground flare area (no longer in use).



31.4 Fire Fighter Training Area. View facing southwest of the smaller tank used in training exercises. Note the release valve at the bottom of the tank.

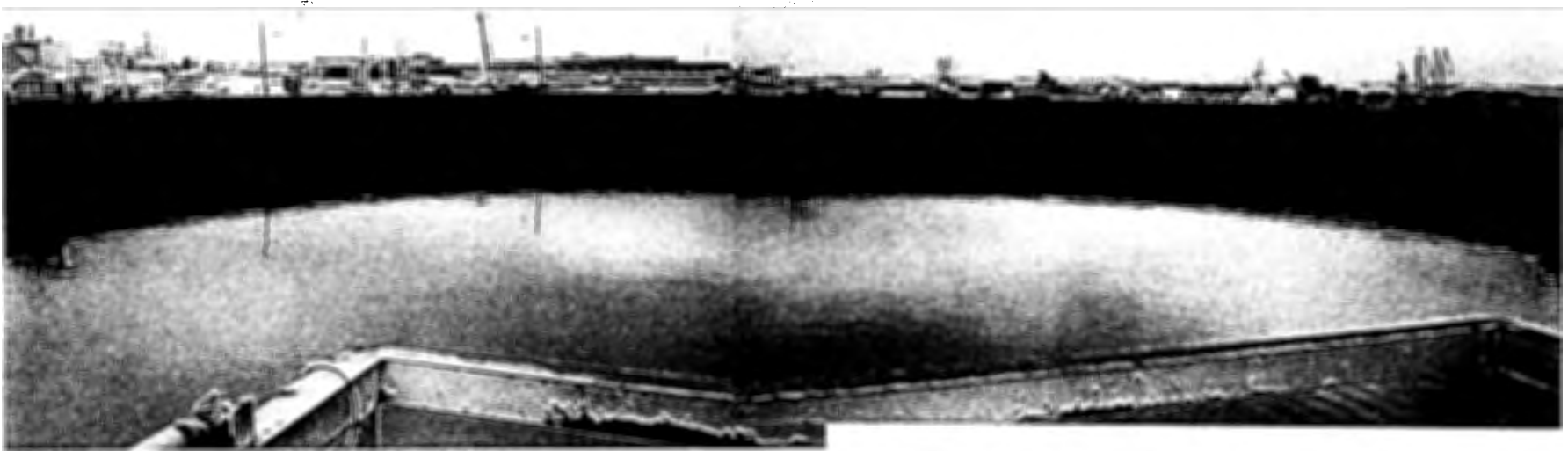


31.5 Fire Fighter Training Area. Close-up view of the release valve for the half cut tank used in training exercises.



32.1

Impoundment Tank T-101. Exterior ground-level view facing south. The impoundment tank is the large concrete walled structure visible in the background. The concrete box in the Middle Creek Surface Drainage System (SWMU 96), in the center of the photograph, is an old NPDES outfall for non-contact cooling water from the propane warming unit which is no longer in use.



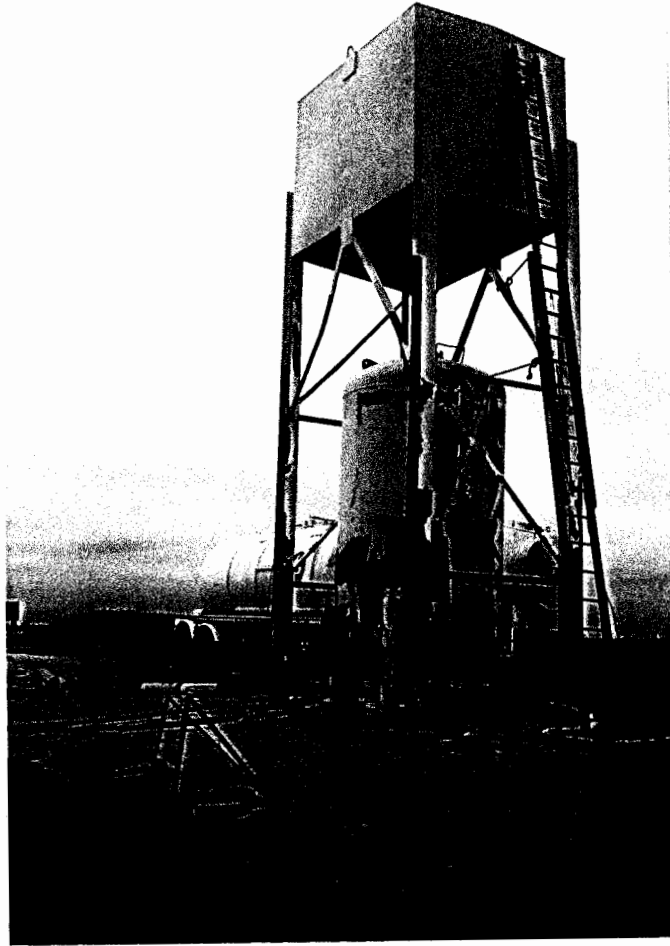
32.2 Impoundment Tank T-101. View facing southwest across the open top of the tank shot from on top of the wall of the tank.



34.1 Phillips Island Sand Blasting Area. Overview facing southeast. Pipes, valves, and metal parts are sandblasted in the area.



34.2 Phillips Island Sand Blasting Area. View facing north of the Sand Blasting Area.



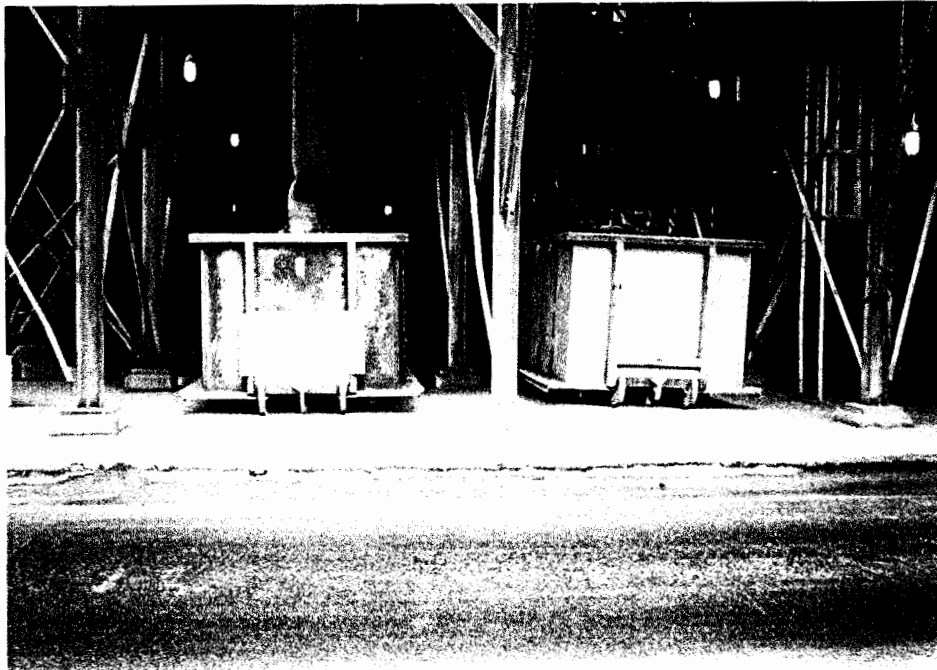
34.3 Phillips Island Sand Blasting Area. View facing southeast
toward the sand storage container. Sand is sprayed through
high pressure hoses.



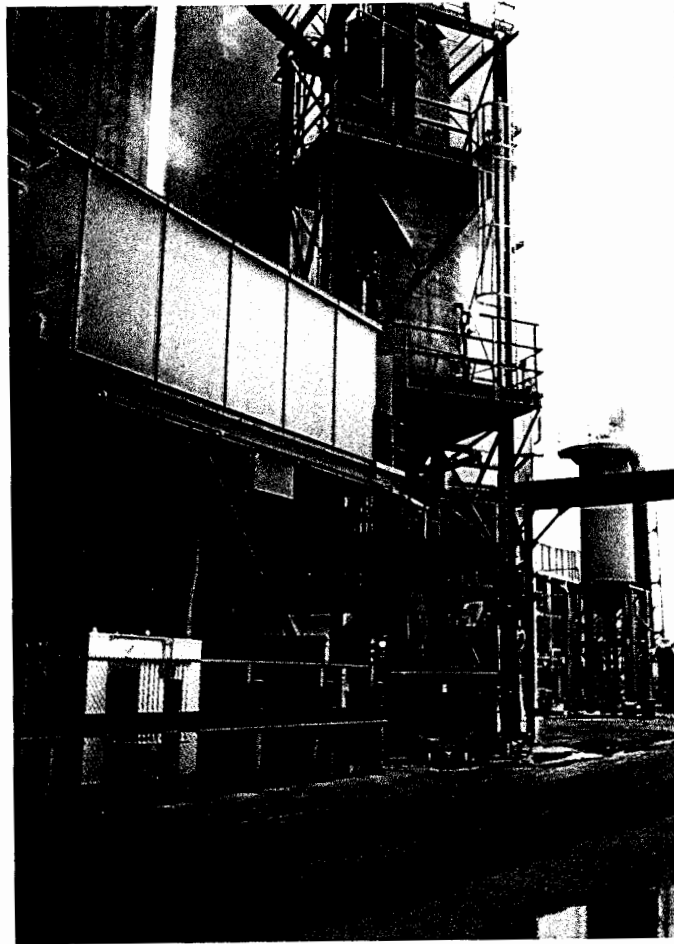
32.3 Impoundment Tank T-101. Closer view shot from on top of the wall of the tank showing the surface of the wastewaters in the tank. Note the oily sheen on the water.



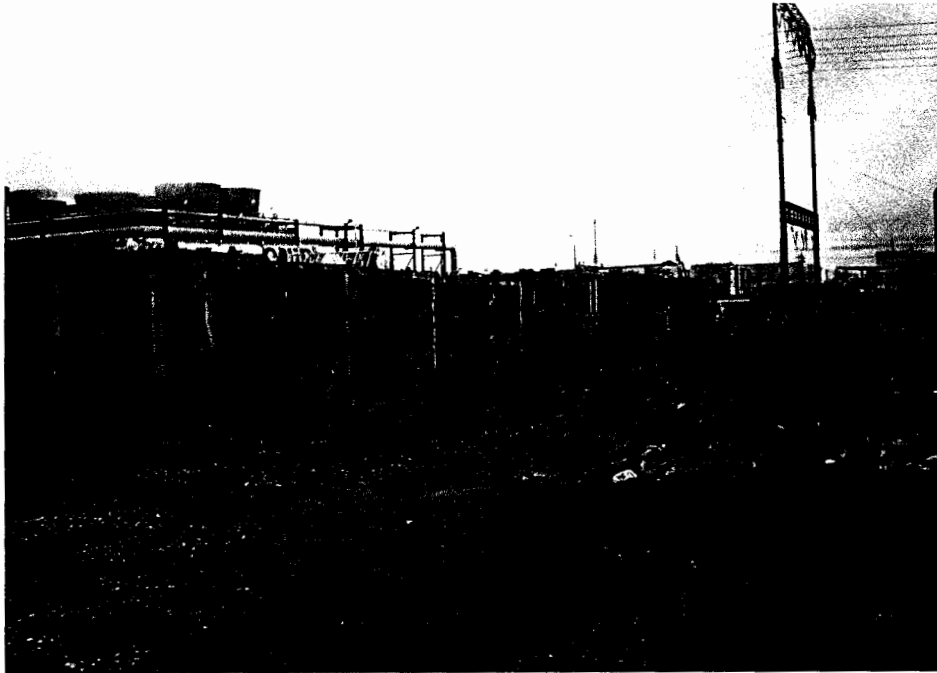
33.1 Phillips Island Surface Drainage Ditches. View facing east of an unlined drainage ditch along the west side of Impoundment Tank T-101 (SWMU 32) and south of the Phillips Island Old Drum Storage/Small Roll-Off Area (SWMU 30).



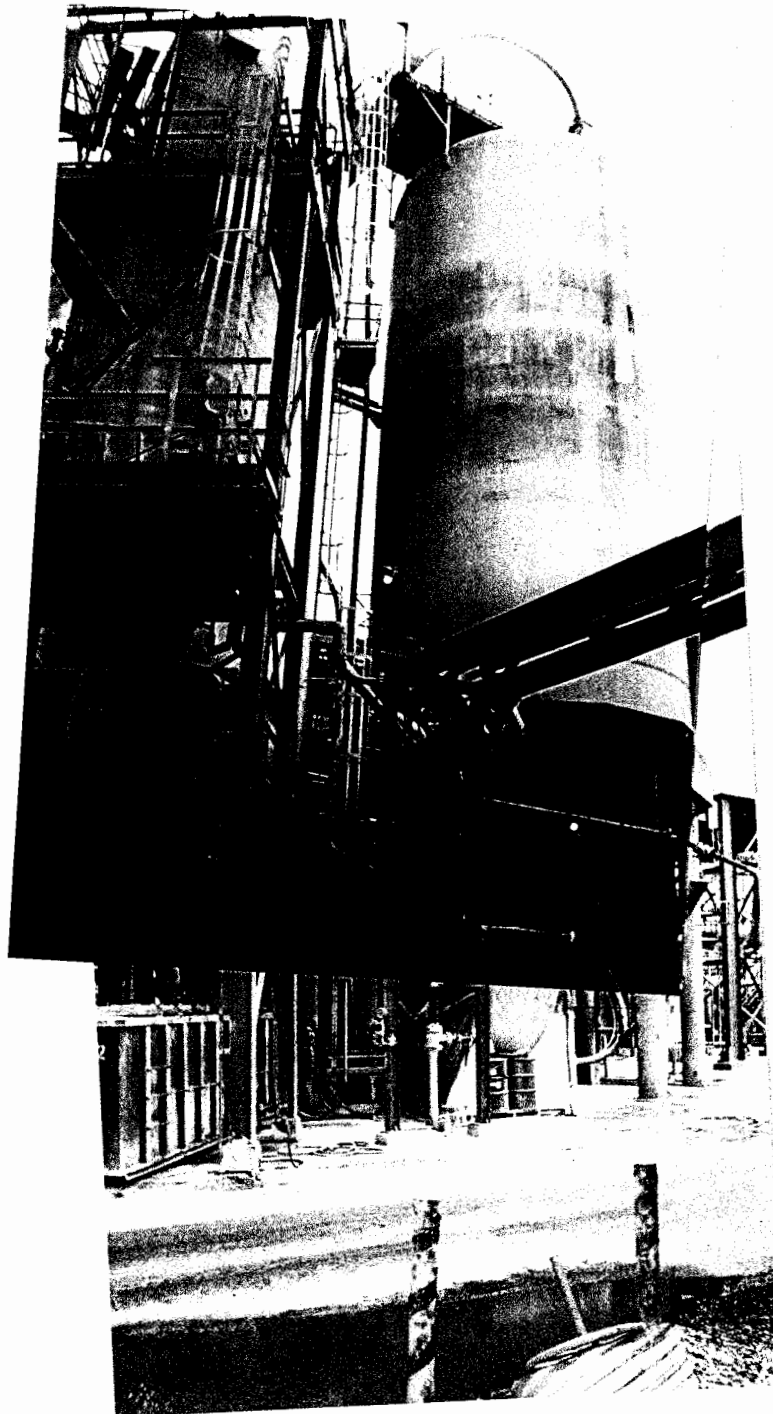
35.1 10-4 Plant Catalyst Fines Collection Roll-Offs. View
36.1 facing north of the catalyst fines loading area at the
37.1 10-4 Plant area. The two roll-off bins shown in the
38.1 photograph are two of the five bins in use in the plant.
39.1



35.2 10-4 Plant Catalyst Fines Collection Roll-Offs. View
36.2 facing north of the catalyst fines collection area for
37.2 fines from the upper portion of the 10-4 Plant. The
38.2 roll-off is green with the Number "22" on the side.
39.2



40.1 10-4 Plant Roll-Off Storage Area. View facing east. The roll-off bins store spent catalyst from the 10-4 Plant Spent Catalyst Silo (SWMU 41) and catalyst fines from the 10-4 Plant Catalyst Fines Collection Roll-Offs (SWMUs 35 - 39).

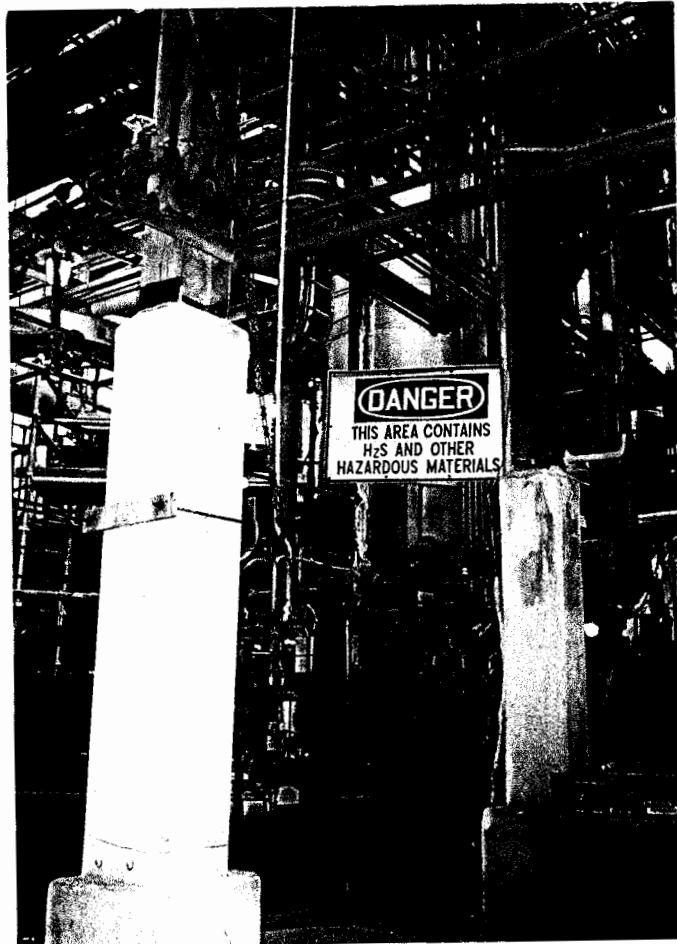


41.1

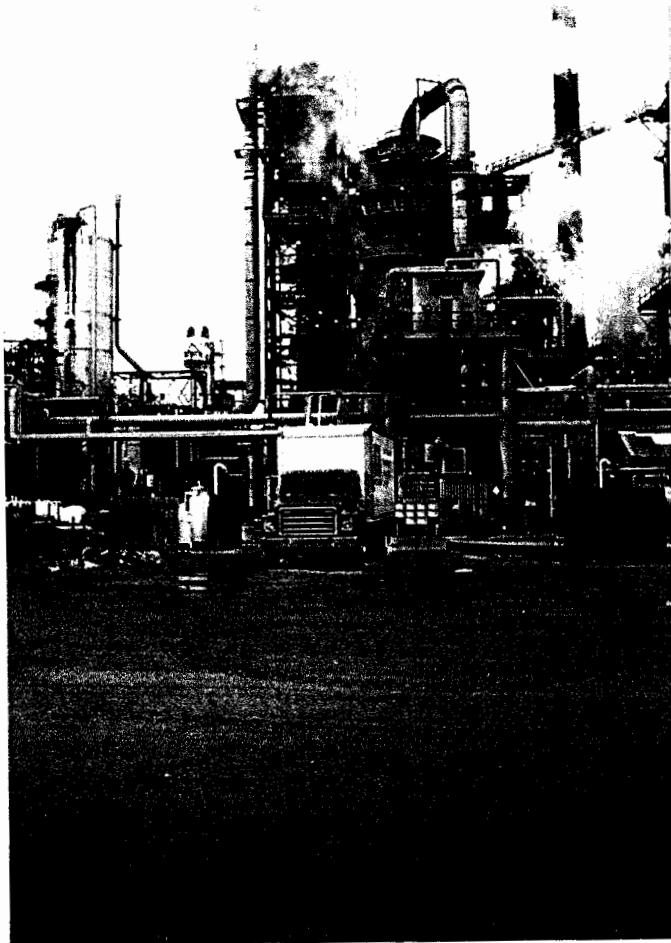
10-4 Plant Spent Catalyst Silo. View facing north. The unit stores spent catalyst and electrostatic precipitation dust.



42.1 10-4 Plant Electrostatic Precipitators. View facing east.
The unit is located at the north end of the 10-4 Plant.



43.1 10-4 Plant Sour Water Stripper. View facing west. The unit is the vertical cylindrical tank in the center of the process area behind the warning sign.



44.1 10-4 Plant Catalyst Regeneration Unit. View facing east.
The unit is a recycling unit for spent catalyst and is the
large cylindrical tank visible in the center of the
photograph.

45.0 Garage High Pressure Wash Area. No Photograph.



46.1 Garage Aboveground Waste Oil Tank. View facing east. The unit is located adjacent to the Garage and Maintenance Shop. Note the oily stains surrounding the unit.

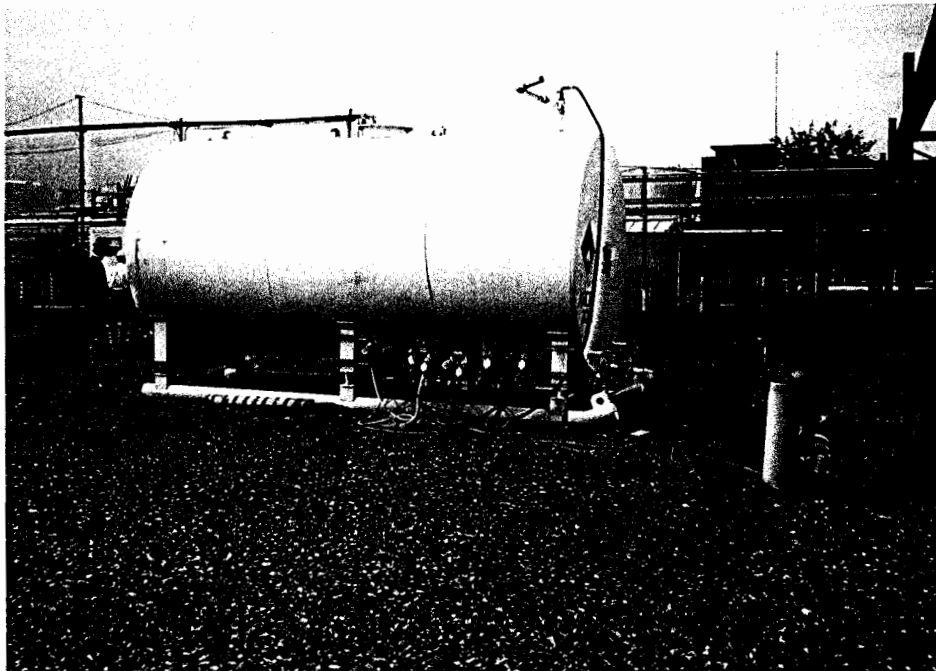
47.0 Mechanical Shop Saw Dust Collector. No Photograph

48.0 Mechanical Shop Sand Blast Unit. No Photograph.

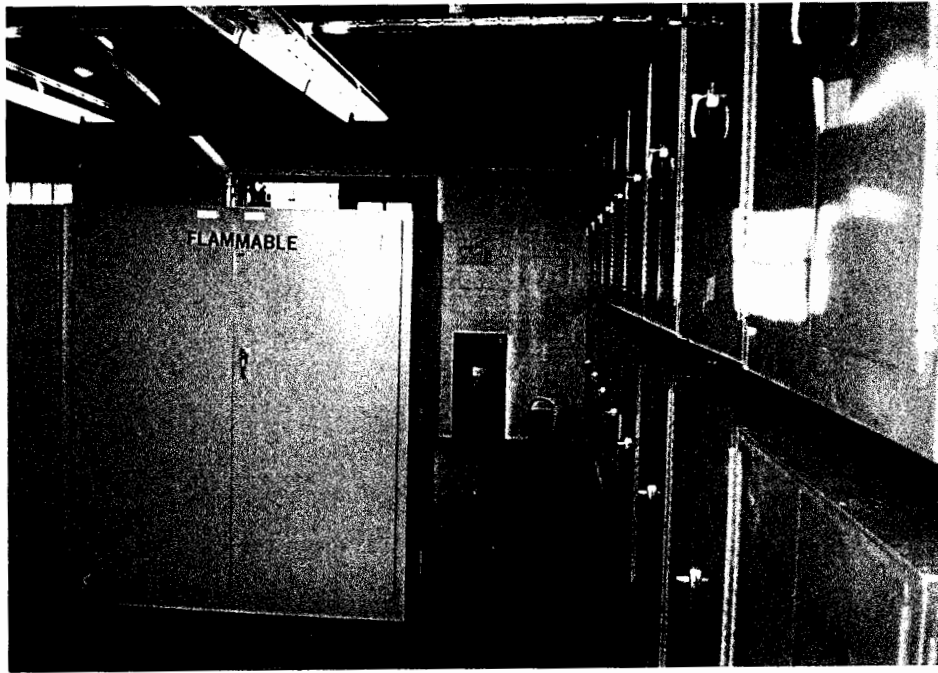
49.0 Mechanical Shop Wire Spray Unit. No Photograph.



50.1 Mechanical Shop Equipment Wash Rack. View facing north. Note the heavy staining on the unit and adjacent pavement. The grate covers a sump for the unit.



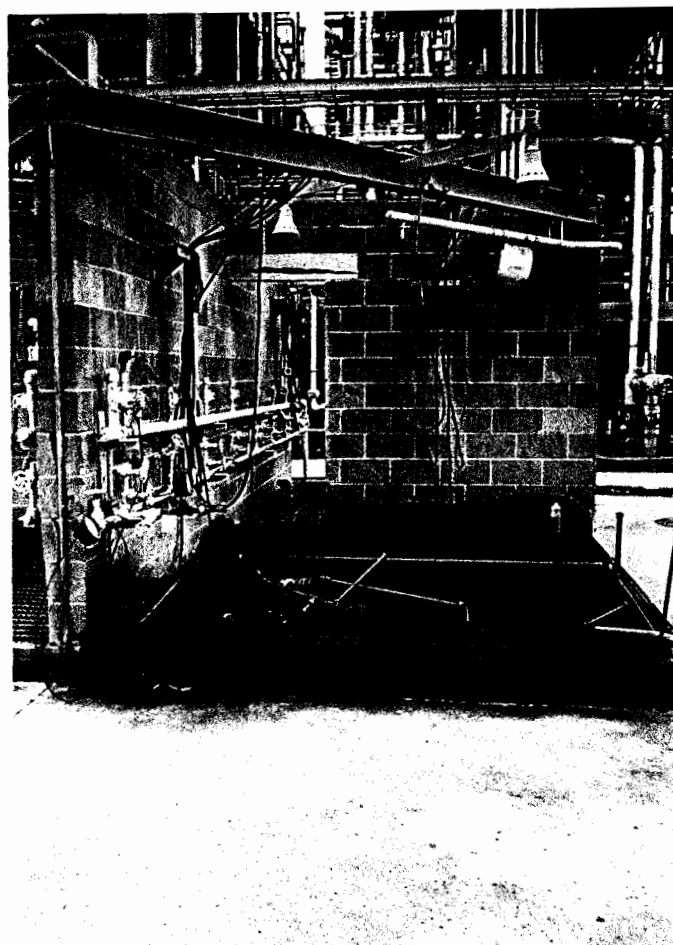
51.1 Dock No. 2 Recovery Well System. View facing north. The well is the small white PVC pipe to the right in the photograph. Water is pumped from the well to the stripping system in the larger tank. Note the stains under the tank and associated piping.



52.1 Laboratory Waste Accumulation Building. View of the indoor waste accumulation area for the Research and Development Laboratory.



53.1 8-C Crude Unit Drip Showers. View facing west. Formerly, drums of carbon disulfide were cooled in the unit (one of four compartments). The grate covers a sump for the shower.



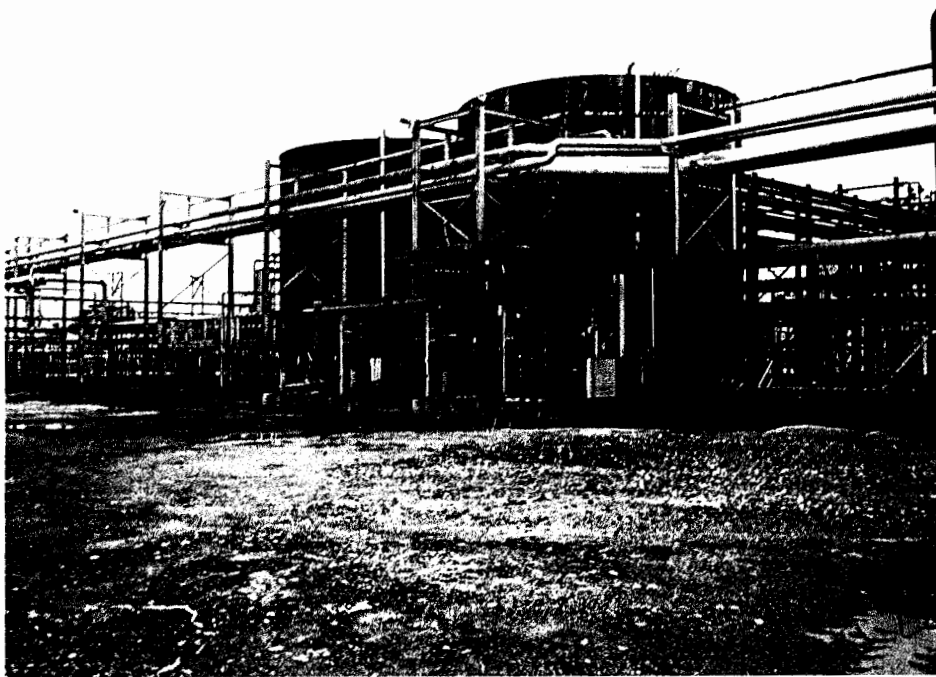
53.2 8-C Crude Unit Drip Showers. View facing south toward the north side of the drip shower (one of four compartments). Note the staining on the grate and the sump wall.



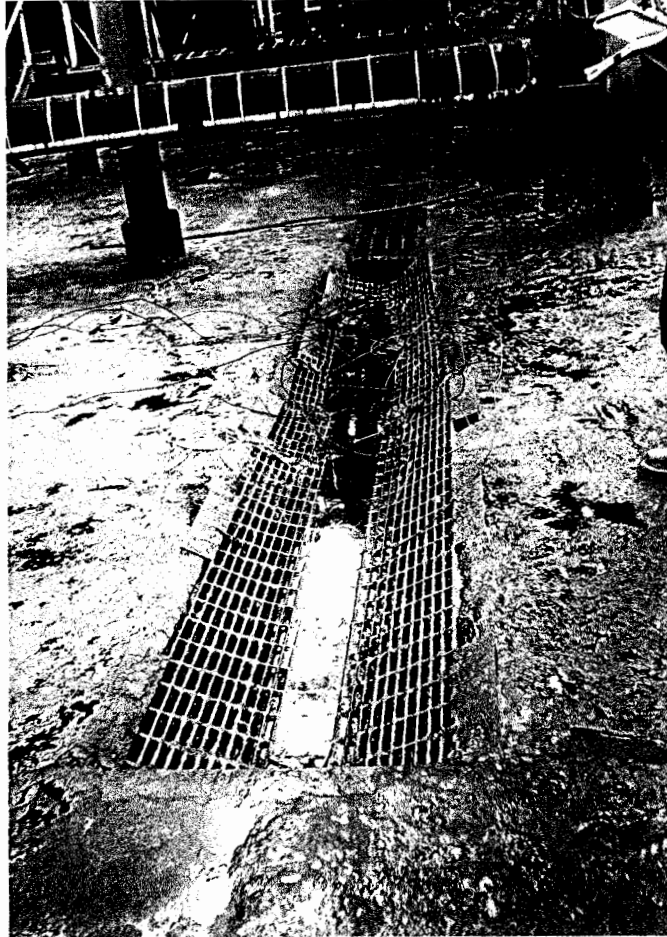
54.1 B & P Warehouse Drum Loading Area. View facing west. The unit is adjacent to the Lube Service Center and extends to the fenced area in the background of the photograph.



55.1 Benzene Vapor Recovery System. View facing south. The unit
is in the 17 Plant area.



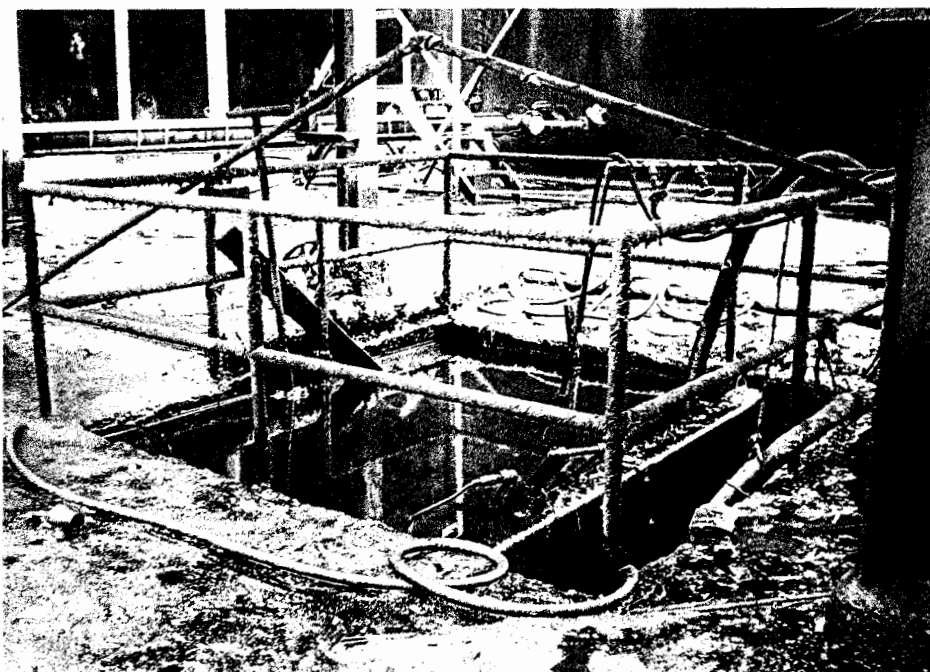
56.1 Asphalt Plant Area. View facing east. Note the oily staining on the ground surrounding the area.



56.2 Asphalt Plant Area. View facing west toward a grated sump running the entire length of the old plant. Note the heavy oil and asphalt accumulation.



56.3 Asphalt Plant Area. View facing east toward the concrete containment wall which partially surrounds the old plant. Note the sludge-like oil and asphalt accumulation in the area.



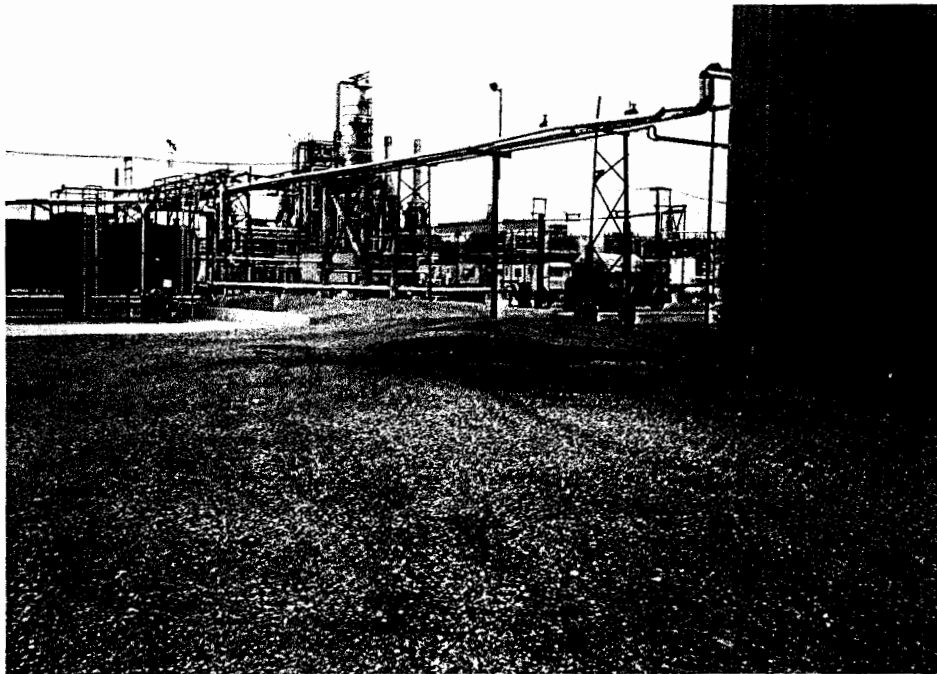
56.4 Asphalt Plant Area. View facing west toward an oil/water separator which receives discharge from the grated sump running the length of the old plant. Note the sludge-like oil and asphalt accumulation in the area.



56.5 Asphalt Plant Area. Overview facing north showing the abandoned tanks at the old asphalt plant.



57.1 Clay Contact Plant Area. View facing north toward the area where the contact plant stood. Note the white aboveground pipes in the left background of the photograph. These are routing wastewaters to the DELCORA POTW.



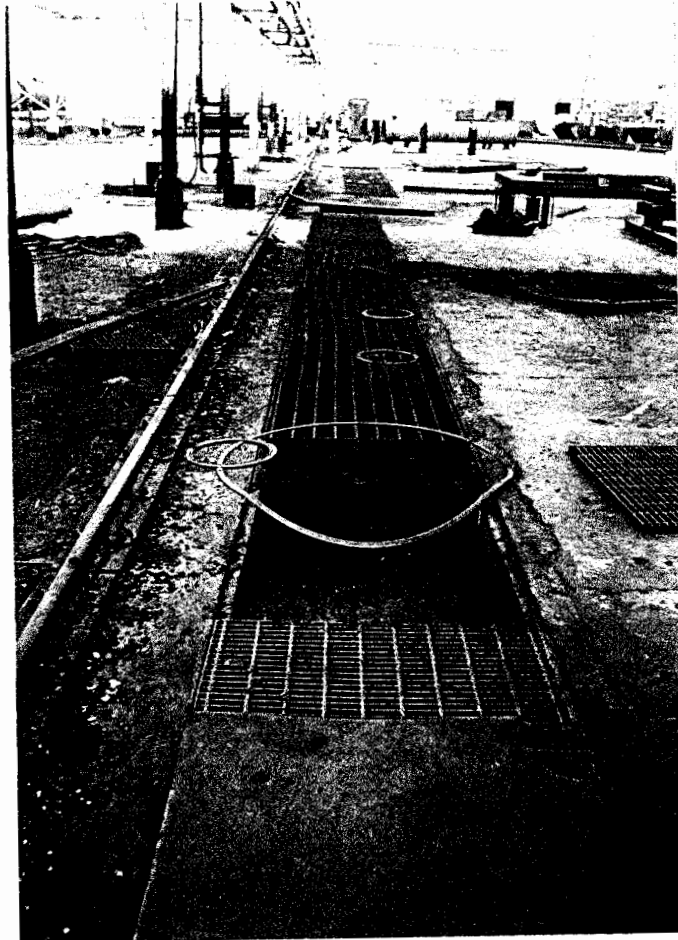
58.1 Slop Oil Tank V-29 View showing a South Jersey Pollution Control, Inc. vacuum truck loading slop oil into Slop Oil Tank V-29. The oil is piped from V-29 to Slop Oil Tank 132 (SWMU 59). Tank V-29 is the black railroad tanker car to the left. The concrete pad and curbing provide secondary containment for the unit. The staining on the ground is associated with the large storage tank on the right.



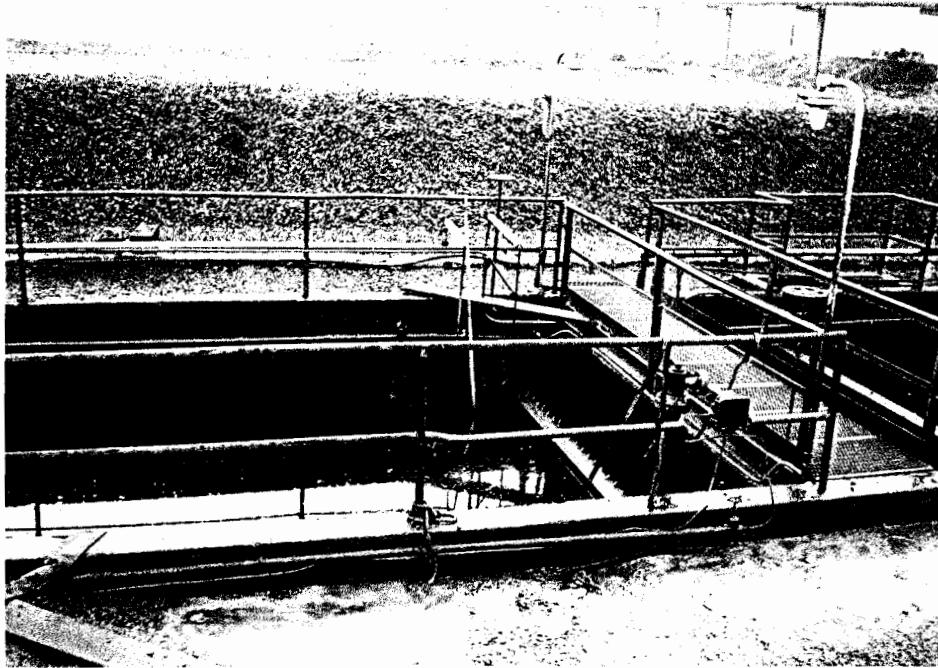
- 58.2 Slop Oil Tank V-29 and Slop Oil Tank 132. View facing
59.1 north toward the slop tank area. Tank 132 is in the
 foreground of the photograph. Tank V-29 is the black tanker
 car visible to the right of Tank 132.
- 60.0 Slop Oil Tank 388. No Photograph.
- 61.0 Ballast Water Tank W-12. No Photograph.



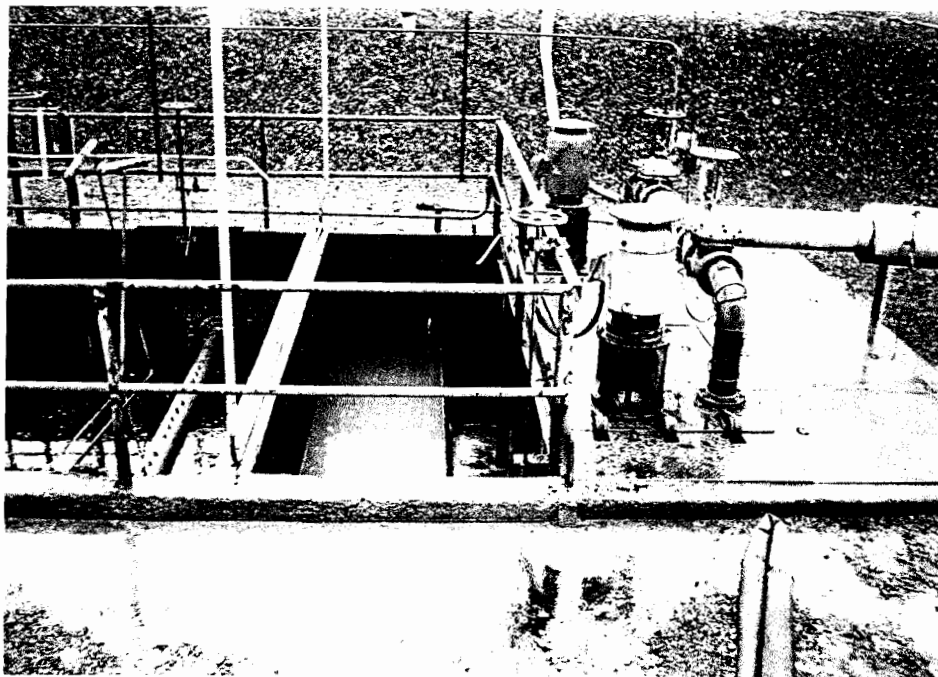
62.1 Heat Exchanger Bundle Cleaning Area. View facing west of the bundle cleaning area. Portions of the area are paved with concrete. Note the heavy staining in the area.



62.2 Heat Exchanger Bundle Cleaning Area. View facing west of the grated, blind sump on the south side of the unit. Note the condition of the sump and the heavy staining and oily material accumulation.



63.1 1A Oil/Water Separator. View facing east toward the middle section of the separator. Note the oily accumulation on the soil around the unit.



63.2 1A Oil/Water Separator. View facing northeast toward the weir and pump for the separator. Note the heavy oil accumulation on the soil around the unit.